



OSCILLATOR

Volume 23 Number 10

RF safety rules now in force, Ed, W1RFI

October 2000

Starting September 1, every US amateur is required to fully comply with the FCC's RF exposure guidelines.

In This Issue

The regulations, which went into effect January 1, 1998, require US Amateur Radio operators to read and understand the rules and, where necessary, perform technical evaluations to determine that their stations are compliant with the new regulations. Up until now, only hams who have had to file an Amateur Radio application with the FCC have had to certify compliance with the RF exposure rules. As of September 1, all amateurs must comply.

Under the regulations, an amateur station must not exceed the maximum permissible exposure limits for transmitter operation.

See SAFETY, page 6

RF Safety 1

Summit To Surf V 2

Phase 3D 2

Amateur Radio TV Spot 4

License Classes 5

Elections 5

Emergency Web 6

Ham Gear on ISS 8

Next Meeting — Wednesday, Oct. 11th at 7 PM

Mary Gail Jones from Washington County will present a program called: "Don't Fall for a Telephone Line". This video and discussion identifies those who would be most vulnerable to con games. Learn how to be an alert consumer and avoid financial scams. This presentation is aimed at you and your parents, please invite them to attend the meeting

Prexy's Prose JD FORT, K7JDF

Goat Mountain Part 1

It's Called Goat Mountain For A Reason. Early Saturday Morning of the long Labor-Day Holiday Weekend it was my first trip to the famed Goat Mountain 146.960 repeater site. It is a fabled place with the antenna located on a former fire lookout platform. This I understood to be perched above the 4100 foot Goat Mountain summit.

The weather seemed to be cooperating as Wes Allen (K7WWG, Will Sheffield (N7THL) and I crammed into the front of his well used pick-up truck, complete with camper cover and enough test equipment to help put a small rocket in to orbit. The air was crisp but it was still shirtsleeve weather.

See PREXY, page 3

*...to prevent
and cure
diabetes and to
improve the
lives of all
people affected
by diabetes...*

See:

Summit To Surf

Page 2

Phase 3D Set for Halloween Launch! From AMSAT News

The next-generation Phase 3D Amateur Radio satellite is set to go into space on Halloween! The launch agency Arianespace said that in addition to Phase 3D, an Ariane 5 rocket would attempt to orbit the PAS 1R, STRV 1C and STRV 1D satellites on Tuesday, October 31.

Earlier information from AMSAT and Arianespace had indicated that Phase 3D would not be launched any earlier than November 3. The launch will take place at the European Spaceport in Kourou, French Guiana, South America.

Arianespace says the mission will mark the first use of the Ariane Structure for Auxiliary Payloads platform, designed to carry mini or microsatellites as secondary payloads. AMSAT officials were encouraged by the successful September 14 Ariane 5 launch that placed two communication satellites in orbit.

Launch preparations for the October 31 Ariane 507 Phase 3D flight officially got under way September 18 in Kourou and are proceeding "on target," according to AMSAT-Germany Executive Vice President Peter Guelzow, DB2OS, who is heading the P3D launch team.

AMSAT News Service reports that RF testing has been successfully completed. The solar panel simulators have been disconnected, and P3D is now kept alive by a umbilical charging system. The next tasks are to close out the equipment bays and install the solar panels.

Team member Chuck Green, N0ADI, has been serving as Guelzow's primary assistant in Kourou. "Because P3D is such a complex satellite, a lot of work is involved in checking it all out and getting it ready to launch," he said. He reports that team members have been making use of amateur UHF hand-helds to communicate among themselves during the launch preparations.

Green says interface cables for connecting to P3D just prior to launch have been fabricated, and the 400 N engine was installed. Power was applied to the satellite and the ability to communicate with it was verified. In addition, leak testing of the satellite fuel system was successfully completed, along with a complete checkout of the various transmitters, receivers, experiments, and support functions.

See Phase 3D, page 6

License Examinations, by Carl, WS7L

The Oregon Tualatin Valley Amateur Radio Club will sponsor testing sessions:

7 October
2 December

Please contact Carl Clawson, WS7L, 503-629-5796, ws7l@arrl.net, to preregister. The 2000 test reimbursement fee is \$6.65.

There are other sessions in the Portland area. For information, contact the editor, w6abm@arrl.net.

Summit To Surf V, Betty N7REX

Continued from September Oscillator

This year the Summit to Surf rest stops had themes. It was so cold and damp at Mirror Lake rest stop that none of the volunteers took their coats off to reveal their tuxedo T-shirts. Frances Adams KB8PRL was also not willing to loose her coat for a long sleeved T-shirt. Most cyclists and volunteers at that rest stop would have been ecstatic to see a coffee kiosk it was so cold. Although Mel Sutton KB7PVW was at the Timberline rest stop up above the clouds, he had to deal with very windy conditions. He wore his Mexican poncho to support the rest stop theme and to help keep warm. Linda

Quite a contrast, as all of us were complete with rain gear gloves and caps. Wes had stressed two things when he invited me on the trip. Dress warmly and above all...pack a lunch!

The first leg of the trip ended about 45 minutes later as we stopped for breakfast just outside of Estacada. It was uneventful even though all of us could sense a bit more of a chill in the air than what we had felt in our driveways earlier.

After breakfast we began climbing the Clackamas County roads above Estacada headed for the Goat Mountain site. Eventually we left the blacktop and headed down a well maintained logging road. But not for very far. We came upon a structure that surely defines the noun "gate". This was a massive structure that could only be opened after you shoved your hand inside a fist sized hole in one of the iron gate posts to disengage the lock. (A feeling somehow akin to getting your hand stuck in a cookie jar).

Traversing the gate we arrived on Weyerhaeuser timber lands and continued the ascent to the repeater site. The air was now cold and we all joked about approaching the summit some 41-hundred feet above the valley floor. Wes continued to give us background on the 696 machine. How it had been used by the Boy Scouts at one time and then to a group of hearty hams who put their home brew skills to the test in the early days of two meter repeaters.

As we progressed up the mountain, the terrain steepened, the rain started to fall and Wes remarked how it looked as though some of the area we were passing through had been freshly logged. Continuing we slowed as we made a turn that, we thought, would bring the final ascent to the top of the Mountain. As we continued. A road appeared on our left that was not supposed to be there. At least not by Wes's recollection.

That was the first real sign of possible trouble for our merry band of hams.

Wes quickly found a wide spot to turn us around and back down the road we went, to "Mulligan" the left turn. The rain had begun to fall steady.. The road was also freshly maintained with 3/4-minus aggregate. It's a cinch, I thought, we could never get stuck in such a finely maintained road.

No sooner had the thought entered and escaped my General Class brain than we topped a hill on a narrow portion of the road. A portion of the 3/4 minus sloughed off and into the four foot ditch the truck slid.

The three of us looked at each other. Brief, unspoken panic welled up then subsided. Here's what we were faced with: We did not know exactly where on the mountain we were. And there was no way we were going to get the truck out.

The up side was that each of us had HTs. Two of us had cell phones and we had the mobile rig and a tank of fuel in the pickup. N7THL even had his GPS unit on board. So like I said...we new where we were...It's just that we really didn't **know** where we were. And oh yeah, the gate to the Weyerhaeuser property, the one that defines gate!? It was snugly locked behind us. Some seven miles behind we would later discover.

On the good news side...We had packed a lunch and the Holiday weekend "honeymoon" list was definitely going to have to be modified.

(continued next month)

YOUTH-ORIENTED AMATEUR RADIO TV SPOT, from ARRL LETTER

The San Francisco Chapter of the International Television Association has produced a 30-second TV public service announcement designed to assist the amateur community in recruiting more young people to the hobby. Copies of the TV spot are being made available to Amateur Radio clubs for distribution to local television outlets at nominal cost. Amateur Radio organizations may order a professional Betacam copy to be used in their television markets at \$20--which covers the cost of tapes, duplication, and shipping.

Each year ITVA volunteers produce a public service announcement for a charitable or nonprofit organization. This year, they focused on Amateur Radio.

ITVA President Ken Alan, K6PSI, said he'd been hearing about the need to recruit "new blood" into ham radio, "so I suggested it to the PSA committee, and everyone loved the idea." ITVA recruited several San Francisco Bay area hams to consult on the development of the story line for the 30-second spot.

Spot producer Michelle Brown said ITVA "focused on the message on the two concepts that most appeal to that demographic: high technology and disaster preparedness."

Alan says the producers "wanted to show young people using H-Ts for socializing and in a disaster scenario." Referring to the "high tech world of Amateur Radio" and using rock music in the background, the announcement points out that hams can talk to people all over the world. The spot also depicts a simulated earthquake or explosion, where the things start to shake, lights flicker and go out and there's a cry for help. The young, female ham grabs her H-T to call for assistance.

The spot concludes with an invitation to "find out more about amateur radio" and provides a 10-second visual backdrop for a local sponsoring club to superimpose its name and contact information. The whole idea, Alan said, was to steer clear of ham radio stereotypes and "just show the hobby as contemporary, high-tech and fun."

A Quicktime movie of the PSA can be viewed at the ITVA Web site at <http://www.itvasf.com>.

Rebecca Boyd, KD7FGH, Named Outstanding Cadet, by Janet, WB7FJC

Amateur Radio operator KD7FGH, Civil Air Patrol Cadet Sgt. Rebecca Boyd, soloed in a glider at North Plains Glider Port on Saturday, Sept. 16th. Rebecca attended the Civil Air Patrol National Glider Encampment in July and was chosen "Outstanding Cadet of the Encampment" and was awarded a scholarship to continue her gliding instruction.

Rebecca also helped provide communications for the Race for the Cure, along with her Mother, Chaplain Annette Arnold-Boyd, aka KD7FLC. It was Rebecca's first public service event as a Ham. Both are members of Washington County Squadron, Civil Air Patrol.

The Squadron meets every Monday evening at 7 pm at the Hangar, Bldg. 6, at Portland Community College's Rock Creek Campus at 17705 NW Springville Road, Portland.

Visitors are always welcome!

ELECTIONS SET

The time has come for elections in the Northwestern Division and in the Club.

In the Northwestern Division, incumbent Director Greg Milnes, W7OZ, is facing Mary E. Lewis, W7QGP. Milnes defeated Lewis for the Vice Director's slot in 1998, then moved up to Director following the death of Director Mary Lou Brown, NM7N.

Incumbent NW Division Vice Director James E. Fenstermaker, K9JF, is being challenged by Edward W. Bruette, N7NVP.

ARRL full members of record in the Northwestern Division as of September 10, 2000, have been sent ballots. The deadline to receive completed ballots at ARRL Headquarters is noon Friday, November 17, when the votes will be counted.

The nominating process has begun for election of Officers and Board Members for 2001. The Nominating Committee selected for this year is: James Blanchard W7HOW, Chair; Harold Landers WA0BRU and Mel Sutton KB7PVW. Open are:

President	1 year term
Vice President	1 year term
Secretary	1 year term
Treasurer	1 year term
Trustee Position 1	2 year term
Trustee Position 2	2 year term

Ballots go out in November. Officers and Trustees are reported in December meeting.

License Classes

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

ANNOUNCES

A NEW SERIES OF FREE "NO-CODE TECHNICIAN" AND "GENERAL CLASS" AMATEUR RADIO LICENSE CLASSES

Get your Ham license in time to help with emergency needs that may come up this winter!

Free classes will be held this Fall at the Tualatin Valley Fire & Rescue Administration Building, 20665 SW Blanton Street in Aloha. Classes are held from 1 to 4 pm, on Saturdays.

It is necessary to attend all three sessions. The class is on videotape from the ARRL. Firm dates will be published in the *OSCILLATOR* as soon as they are set.

Get your name on the list to attend. We will contact you with the dates. For more information or to register to attend either series, call Janet Bell, WB7FJC, at 503-648-4147 or email her at wb7fjc@ARRL.net.

**Return your ARRL and
OTVARC Ballots this Fall.
We deserve the leadership
we elect!**

5th Wednesday

The last 5th Wednesday Contest of 2000 will place on November 29th. Logs are due at the December Club meeting or via SNAIL to Jim Schaeffer. Awards will be given at the January 10th Meeting.

Awards are given for two classes of stations, QRP (5 watts or less) and more than 5 watts.

The Fifth Wednesday Contest is an exercise to help determine 2 meter capability using simplex (147.54 MHz).

World Ham Radio Day

The IARU has selected the theme for World Amateur Radio Day. The IARU has selected "Providing Disaster Communications: Amateur Radio in the 21st Century" as the theme for World Amateur Radio Day 2001. The date is April 18.

The selection was designed to help dispel the notion that technological changes have bypassed and diminished the future role of the amateur services. The IARU wants to reaffirm the importance of Amateur Radio as a resource to help mitigate the effects of disasters by providing communications to aid humanitarian efforts. Is this something OTVARC might use as a public awareness event?

SAFETY, from page 1

"These regulations are not a major burden on the Amateur Radio Service," said ARRL Lab Supervisor Ed Hare, W1RFI. "Most hams are already in compliance with the MPE requirements; some hams will need to conduct a simple station evaluation."

A complete description of the rules is available on the ARRL Web site at <http://www.arrl.org/news/rfsafety/>. The site also contains resources to make your station evaluation quite painless.

Address questions about RF safety and the FCC exposure guidelines to ARRL Lab Supervisor Ed Hare, W1RFI, ehare@arrl.org.

HAYNIE RAISES VISIBILITY OF AMATEUR ISSUES

ARRL President Jim Haynie, W5JBP, promoted issues of importance to Amateur Radio during visits to Capitol Hill and at the FCC and the American Red in September.

"We're in there competing with the big boys in telecommunications, and we've got to maintain a high profile, because we're all in the same arena," Haynie said in the wake of his second trip to Washington. Haynie and an entourage visited in the capital last March.

"Making visits like these doesn't just help members," Haynie said. "It helps all amateurs."

Accompanying Haynie this time were ARRL Technical Relations Manager Paul Rinaldo, W4RI; ARRL General Counsel Chris Imlay, W3KD, and Legislative Affairs and Public Relations Manager Steve Mansfield, N1MZA. Mansfield notes that the visit complemented "hundreds of visits" on Capitol Hill and to the FCC and other agencies that he and other ARRL staff members make.

EMERGENCY COMMUNICATIONS WEB

An "Emergency Communications" Web Site now is available at <http://www.arrl.org/field/emergency/>. The page provides a ready-reference with links to the latest bulletins, The ARRL Letter, and weather reports as well as to other Amateur Radio organizations active in emergency operations, such as the Hurricane Watch Net, The Salvation Army Team Emergency Net (SATERN), and SKYWARN.

Phase 3D, from page 2

Once everything is ready, the rocket and the satellite payload packages it will carry will be integrated in the Spaceport's Final Assembly Building.

The launch team has established a Web site that includes photographs of the team preparing the satellite. It's at <http://www.amsat-dl.org/launch/>.

A launch contract accepting Phase 3D as a payload for the first suitable Ariane 5 launch vehicle was signed last fall. For more information about Phase 3D, visit the AMSAT-NA Web site, <http://www.amsat.org/>.

FREE LICENSE CLASSES

The Oregon Tualatin Valley Amateur Radio Club will hold a series of free "NO-CODE TECHNICIAN" and "GENERAL CLASS" amateur radio license classes this fall. Get your name on the list to attend - call Janet Bell, WB7FJC, at 503-648-4147.

D EETH & ASSOCIATES

- * Telecommunications
- * Most Key Systems
- * TIE/Norstar/ & Others
- * Security Systems

503-324-3737
Pager 503-818-0581
Fax: 503-324-4833

Ray Deeth
180 So. Main (#C)
Banks, Oregon 97106

METROPOLITAN HAMS RECEIVE NATIONAL ARRL AWARDS

The ARRL Board of Directors voted Dan Calzaretta, NX9C, of Portland, Oregon, as the 1999 ARRL Professional Educator of the Year. This award goes to a professional teacher within a school system. He has been teaching ham radio for 20 years. He's on the staff at the Pacific Crest Community School, where he added Amateur Radio to the curriculum.

The Board selected Rick Campbell, KK7B, of Portland, Oregon, as the recipient of the 1999 Doug DeMaw, W1FB, Technical Excellence Award. Campbell was selected on the basis of his March 1999 QST article, "A Binaural I-Q Receiver." Calzaretta and Campbell were selected on the basis of motions by Northwestern Division Director Greg Milnes, W7OZ.

The ARRL Board of Directors has named 20-year-old Brian Mileschosky, N5ZGT, of Albuquerque, New Mexico, as winner of the 1999 Hiram Percy Maxim Award. The Hiram Percy Maxim Award goes each year to a radio amateur under the age of 21 whose Amateur Radio accomplishments and contributions are of the most exemplary nature.

First licensed at age 12, Mileschosky has a long track record of promoting ham radio among his peers. An ARRL member, Mileschosky is an active Official Observer and was a speaker at the "Youth in Amateur Radio" at the 2000 Dayton Hamvention and ARRL National Convention. He is a member of the Board of Directors to the Upper Rio FM Society Inc, a Volunteer Examiner, and a member of both the Bernalillo County and the Sandoval County ARES teams. He also runs a weekly, statewide swap net.

Mileschosky begins his senior year this fall at the University of New Mexico, where he is pursuing a degree in electrical engineering. Mileschosky received a cash award of \$1000, an engraved plaque, and a expenses-paid trip to the Southwestern Division ARRL convention for the formal presentation.

The Board named Allen Wolff, KC7O, of Sierra Madre, California, as the 1999 ARRL Herb S. Brier Instructor of the Year Award. This award is presented to a volunteer ham radio instructor. Wolff, an ARRL Life Member, has been teaching ham radio for 14 years.

Diane Ortiz, K2DO, of Bellport, New York, was named by the Board as the winner of the 1999 Philip J. McGan Memorial Silver Antenna Award for her public relations efforts on behalf of Amateur Radio. An ARRL Life Member, she edits the "YL News" column in QST. As both an ARRL Public Information Coordinator and Public Information Officer, Ortiz has achieved outstanding success in telling the Amateur Radio story to the news media. She also hosts a cable television program about Amateur Radio.

OTVARC members are encouraged to make use of the *OSCILLATOR* with classified amateur-related ads. Just provide the editor with copy. Space is about the size of this article.

Send your copy to W6ABM@arrrl.net. Proof your ad carefully. The editor is not responsible for submitted errors.

Al Gross, W8PAL, "Walkie-Talkie" Father

Al Gross, W8PAL, the inventor of the "walkie-talkie" and the wireless pager, has received the Lemelson-MIT Lifetime Achievement Award. Gross, the "father" of wireless comms, developed a walkie-talkie in 1938 while in high school. Now 82, Gross says he became a ham at an early age. "I wanted to be mobile, that was my desire," he said. "I worked hard to figure out a transceiver." The project caught the attention of the OSS. Gross developed a two-way air-to-ground communication system.

ARISS HAM GEAR IN SPACE

The space shuttle Atlantis blasted off on schedule September 8, bringing Amateur Radio operation from the International Space Station a giant leap closer to reality. On board Atlantis was the initial Amateur Radio on the International Space Station equipment as well as other supplies needed by the Expedition 1 ISS crew members.

As part of the multinational ARISS project, the gear was stowed aboard the ISS until the Expedition 1 crew goes aboard in late October. The Expedition 1 crew will consist of US astronaut Bill Shepherd, KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and Yuri Gaidzenko, whose call sign was not available.

Although astronaut Dan Burbank, KC5ZSX, was aboard Atlantis, there was no Amateur Radio operation from the shuttle or the ISS during this mission, ATS-106.

Atlantis delivered the ARISS VHF and UHF hand-held transceivers as well as a TNC for packet, a specially developed headset and signal adapter module plus power adapters and interconnecting cables.

The ARISS initial station gear was installed temporarily aboard the Functional Cargo Block module and uses an existing antenna that's been adapted to support FM voice and packet on 2 meters but not on 70 cm. The ARISS gear will get a more-permanent home aboard the Service Module once VHF and UHF antennas can be installed.

Heather Cox, KB8VYQ, Receives Award For Antenna Paper, AL AA1DO

Heather Cox, KB8VYQ, of Ann Arbor, Michigan, received an American Statistical Association Certificate of Recognition for her academic paper, "Which Ham Radio Antenna is the Best Choice for Point to Point Communication?" The paper, submitted to the 42nd annual Southeastern Michigan Science Fair 2000, is an experimental thesis that demonstrates how to determine the effectiveness of various antennas. The experiments were carried out on 70 cm, and the paper includes photographs, charts and graphs to document and support her findings. Her conclusion: The Yagi is the best-performing antenna of those she tested. Heather, 15, holds a Technician license. Now a high school junior, she drafted the paper during her sophomore year. A copy of her thesis appears on the ARRLWeb TIS page, <http://www.arrl.org/tis/>.

SUMMIT, from Page 2

Sutton KC7YTD was dressed in the Hawaiian spirit of things at the Bennett Pass rest stop. She wore her floral lei and bright flowery Hawaiian shirt.

The volunteers had some trouble keeping their "grass skirt" around the rest station tent due to wind. Bennett Pass didn't break out of the damp fog until afternoon. Two jugglers entertained cyclists for part of the day.

JD Fort K7JDF and his son Evan manned the Weigh Station rest stop with a western theme. Dan Apperson KA7OLC manned the Neal Creek rest stop along with Dr. Gallagher and his crew which included a band. Their theme was yellow and it must have worked, because they had sunshine!

This year, not as many cyclists blew past the final rest stop on their way to Hood River and the finish line. Ivan Bork KC7DWU took a new ham Chris Wehner KB1DZW under his wings and introduced him to the public service aspect of amateur radio at the finish line.

As net control I wish to thank all of the ham radio operators who generously gave up their Saturday to provide communication for this event. I would be remiss if I didn't also thank AARG and the Northwest Repeater Association for the use of the 147.12 and 440.95 repeaters. A special thanks goes out to Curt Jutzi KK7VN who provided details on our only serious accident. Thanks to all.

Club Contact Directory

OTVARC Executive Board

President	J.D. Fort	K7JDF	jd-radio@home.com	503-259-0269
Vice President	Janet Bell	WB7FJC	wb7fjc@arri.net	503-648-4147
Secretary	Mike McDonald	KC7YSW	kc7ysw@arri.net	503-692-5893
Treasurer	Linda Sutton	KC7YTD	kb7pww@arri.net	503-246-8879
Trustee	Jack Smithson	KA7HOJ	ka7hoj@webtv.net	503-646-1873
Trustee	Will Sheffield	N7THL	n7thl@juno.com	503-642-7314
Trustee	Jim Blanchard	W7HOW	w7how@juno.com	503-579-0248
Trustee	Alvin Carlson	KB7VHI	alvinc@sequent.com	503-629-5728
Trustee	Julia Landers	KD7GQW	wa0bru@juno.com	503-646-1546

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	boborr@onlinemac.com	503-472-2716
Equipment Loan	Stan Griffiths	W7NI	w7ni@teleport.com	503-649-0837
Equipment Valuation	Randy Stimson	KZ7T	kz7t@arri.net	503-297-1175
Equipment Trustee	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
Emergency Services	J.D. Fort	K7JDF	jd-radio@home.com	503-259-0269
Field Day Coordinator	Harold Landers	WA0BRU	wa0bru@juno.com	503-646-1546
	Jack Smithson	KA7HOJ	ka7hoj@webtv.net	503-646-1873
Health & Welfare	Linda Sutton	KC7YTD	kb7pww@arri.net	503-246-8879
Historian	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
Internet Home Page	Marc Chamberlin	WA7PWX	marcc@easystreet.com	503-357-1869
	Betty Mickley	N7REX	mmickley@teleport.com	503-642-1284
Member Badges	Carl Clawson	WS7L	carlclawson@compuserve.com	503-629-5796
Newsletter Editor	Everett Curry	W6ABM	w6abm@arri.net	503-681-2345
Newsletter Distribution	Mike McDonald	KC7YSW	kc7ysw@arri.net	503-692-5893
Nominating Committee	Jim Blanchard	W7HOW	w7how@juno.com	503-579-0248
Project Night	Alan Chinnock	KB7POR	kb7por@aol.com	503-636-2237
Public Relations	J.D. Fort	K7JDF	jd-radio@home.com	503-259-0269
Public Service	Randy Stimson	KZ7T	kz7t@arri.net	503-297-1175
Repeater	Wes Allen	K7WWG	wesa@dn.net	503-649-3295
RFI & TVI	Dale Mosby	K7FW	dale@sequent.com	503-640-0217
Satellites	Everett Curry	W6ABM	w6abm@amsat.org	503-681-2345
Scholarship	Carl Clawson	WS7L	carlclawson@compuserve.com	503-629-5796
Sea-Pac	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
"	Brad Beach	N7NVC	bbeach@teleport.com	503-657-1781
"	Jim Schaeffer	KB7ADH	jim.schaeffer@sulzerpumps.com	503-245-2518
"	Randy Stimson	KZ7T	kz7t@arri.net	503-297-1175
"	Will Sheffield	N7THL	n7thl@juno.com	503-642-7314
Station Trustee	Hanford Van Ness	KE7BB	ke7bb@email.msn.com	503-246-7975
Social	Harold Landers	WA0BRU	wa0bru@juno.com	503-646-1546
Technical Specialist	Stan Griffiths	W7NI	w7ni@teleport.com	503-649-0837
Tower Ordinances	Greg Milnes	W7OZ	w7oz@arri.org	503-648-6990
Trailer	Dee Lynch	K7JRB	deck7jrb@arri.net	541-745-1025
Training (upgrade)	Janet Bell	WB7FJC	wb7fjc@arri.net	503-648-4147
Travelers	Betty Mickley	N7REX	mmickley@teleport.com	503-642-1284
VE Test Coordinator	Carl Clawson	WS7L	carlclawson@compuserve.com	503-629-5796
VHF/UHF	Arnold Jensen	W7DSA		503-543-3713

Hamfests And Conventions

14 Oct 2000

North Kitsap ARC

Susan Johnson, AB7MD

PO Box 1226

Poulsbo, WA 98370

360-697-9379

nkarc@yahoo.com

www.silverlink.net/nkarc

21 Oct 2000

Swap-Toberfest 2000

Mid-Valley ARES

Rickreall, OR

<http://www.teleport.com/~n7ifj/swaptober.htm>

Bud Smith, WA7FJF

PO Box 13848

Salem, OR 97309

503-838-0266

wa7fjf@arri.net

1-3 June 2001

Northwestern Division Convention

Tualatin Valley ARC

Seaside, Oregon

<http://www.seapac.org>

Randy Stimson, KZ7T

9890 SW Inglewood Street

Portland, OR 97225

503-297-1175

kz7t@arri.net

LUNCH BUNCH

Who: Everyone - OTVARC, other clubs, non-club associated HAMS, Families, Friends

Where: Chang's Mongolian Grill II
1935 NW 167th Place, just off of 26 and Cornell

When: October 28th, Saturday at 1:30 PM (1330) PDT

WHY: Good Food, Good People, Good conversation = Good Time

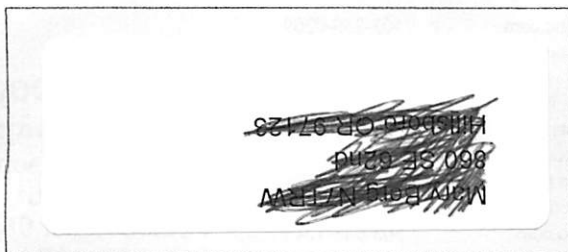
WORLDWIDE DISTRIBUTION



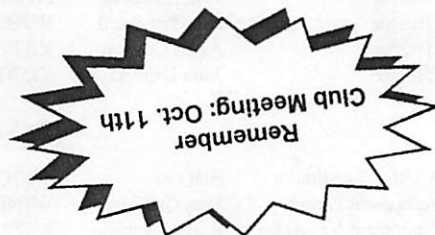
Rich KK7PL
Manager

11705 SW Pacific Hwy (99W)
Portland OR 97223
503-598-0555 Fax: 684-4469
800-854-6046

ALABAMA CA • ATLANTA CA • BURBANK CA • DENVER CO
NEWCASTLE DE • OAKLAND CA • PHOENIX AZ • PORTLAND OR
SALEM NH • SAN DIEGO CA • SUNNYVALE CA • WOODBRIDGE VA



Web: WWW.OTVARC.ORG
 Repeater: W7OTV (146.96MHz)
 Simplex: 147.54 MHz
 Editor: W6ABM@arrl.net



Oregon Tualatin Valley
 Amateur Radio Club
 Post Office Box 5132
 Aloha OR 97006-0132

OTVARC

Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective and established Amateur to become a proficient communicator in the Amateur Radio Service.

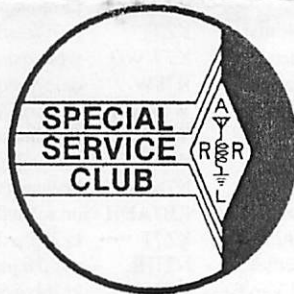
Additionally, our intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during events & community activities.
3. Emergency communications in emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits when you join or renew your membership in the ARRL through the club. Contact the treasurer at any regular meeting.

Newsletter: The OTVARC Oscillator is the club newsletter. It is published monthly and mailed on the first of the month. Opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff. Editor's E-mail: ecurry@teleport.com. November 2000 OSCILLATOR deadline is Thursday, October 18th.

Internet Home Page: WWW.OTVARC.ORG



Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Meetings: We have two meetings per month. The Board meeting is on the fourth Wednesday of each month. Club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7 PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues schedule.

How to join: Mail the Membership application and/or renewal form with your dues to the Club address.